AMENDMENTS TO THE CLAIMS

Listing of Claims

Claim 1 (currently amended):   A method of plugging in a pluggable terminal comprising:

under direction of an application, wrapping a control method for a virtual or non-virtual media processing device to create a pluggable terminal type; and

making the pluggable terminal type available to a TAPI application component.

Claim 2 (original):   The method of claim 1 wherein making the pluggable terminal type available to a TAPI application component comprises:

creating a terminal object from the pluggable terminal type upon initialization of a TAPI system;

registering the pluggable terminal;

discovering all available terminals, including the pluggable terminal; and

sending a list of available terminals, including the pluggable terminal, to the TAPI application component.

Claim 3 (original):   The method of claim 1 wherein wrapping the media processing device control method comprises:

deriving the pluggable terminal type from a terminal base class;

providing a first interface for plugging into a TAPI system; and

providing a second interface including at least one media processing method for the TAPI application component.

Claim 4 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for processing media selected from the group consisting of audio, video, text, and graphics.

Claim 5 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for processing media selected from the group consisting of modem transmissions, facsimile transmissions, and telephony transmissions.

Claim 6 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for processing media selected from the group consisting of videoconferencing transmissions, co-browsing transmissions, application sharing transmissions, document sharing transmissions, and collaborative computing transmissions.

Claim 7 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for processing media selected from the group consisting of chat transmissions, visual chat transmissions, Internet Protocol (IP) Telephony transmissions, and instant messaging transmissions.

Claim 8 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for processing media selected from the group consisting of Public Switched Telephone Network (PSTN) calls, tone transmissions, speech transmissions, IP interactive voice response system transmissions, IP unified message system transmissions, and caller identification transmissions.

Claim 9 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for processing media selected from the group consisting of music, movies, still pictures, and photographs.

Claim 10 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for

processing media selected from the group consisting of radio transmissions, television transmissions, and cable transmissions.

Claim 11 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for processing media selected from the group consisting of portable device transmissions, wearable computer transmissions, tablet transmissions, handheld device transmissions, and pocket-sized personal computer transmissions.

Claim 12 (original):   The method of claim 3 wherein providing the second interface including at least one media processing method comprises providing at least one media processing method for processing media selected from the group consisting of digital phone calls and cellular phone calls.

Claim 13 (original):   The method of claim 1 further comprising creating the media processing device control method.

Claim 14 (currently amended):   A method of using a pluggable terminal comprising:

    under direction of an application, plugging in the pluggable terminal;

    selecting the pluggable terminal from a list of available terminals for a communications session; and

    processing media during the communications session by performing at least one method of media processing in the pluggable terminal.

Claim 15 (original):   The method of claim 14 wherein plugging in the pluggable terminal comprises making the pluggable terminal available to a TAPI application component.

Claim 16 (original):   The method of claim 14 wherein selecting the pluggable terminal from the list of available terminals for a communications session comprises:

    requesting a list of available terminals;

discovering all available terminals, including the pluggable terminal;

listing all available terminals;

selecting the pluggable terminal from the list of available terminals; and

creating a terminal object from a pluggable terminal type associated with the selected pluggable terminal.

Claim 17 (original):   The method of claim 14 further comprising:

controlling media processing; and

coordinating media processing with call control.

Claim 18 (currently amended):   A computer-readable medium having a data structure for registering a pluggable terminal created under the direction of an application and associated with a virtual or non-virtual media processing device, the data structure comprising:

a terminal class name identifying a terminal class that the pluggable terminal belongs to;

a unique identifier for the pluggable terminal;

a set of media flow directions supported by the pluggable terminal; and

a set of media types supported by the pluggable terminal.

Claim 19 (original):   The data structure of claim 18 further comprising:

a name for the pluggable terminal;

a company name identifying a company that made the pluggable terminal; and

a version for the pluggable terminal.

Claim 20 (original):   The data structure of claim 18 wherein a media flow direction in the set of media flow directions is selected from the group consisting of flowing to the pluggable terminal and flowing from the pluggable terminal.

Claim 21 (original):   The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of audio, video, text, and graphics.

Claim 22 (original): The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of modem transmissions, facsimile transmissions, and telephony transmissions.

Claim 23 (original): The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of videoconferencing transmissions, co-browsing transmissions, application sharing transmissions, document sharing transmissions, and collaborative computing transmissions.

Claim 24 (original): The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of chat transmissions, visual chat transmissions, Internet Protocol (IP) Telephony transmissions, and instant messaging transmissions.

Claim 25 (original): The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of Public Switched Telephone Network (PSTN) calls, tone transmissions, speech transmissions, IP interactive voice response system transmissions, IP unified message system transmissions, and caller identification transmissions.

Claim 26 (original): The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of music, movies, still pictures, and photographs.

Claim 27 (original): The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of radio transmissions, television transmissions, and cable transmissions.

Claim 28 (original): The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of portable device transmissions, wearable computer

transmissions, tablet transmissions, handheld device transmissions, and pocket-sized personal computer transmissions.

Claim 29 (original):   The data structure of claim 18 wherein a media type in the set of media types is selected from the group consisting of digital phone calls and cellular phone calls.

Claim 30 (original):   The data structure of claim 18 further comprising a method for registering itself.

Claim 31 (original):   The data structure of claim 18 further comprising a method for firing events to a terminal manager component.

Claim 32 (currently amended):   A   computer-readable   medium   having   computer-executable components comprising:

>   a TAPI application component for conducting at least one communications session;

>   a pluggable terminal type created under the direction of an application; and

>   at least one pluggable terminal of the pluggable terminal type for processing media using a
virtual or non-virtual media processing device during the communications session.

Claim 33 (previously presented):   The   computer-readable   medium   of   claim   32   further comprising:

>   at least one Telephony Service Provider (TSP) component for call control and for
>   controlling communications devices; and
>   at least one Media Stream Provider (MSP) component for controlling media processing and
>   for coordinating media processing with the at least one TSP component.

Claim 34 (previously presented):   The   computer-readable   medium   of   claim   33   further comprising a terminal manager component for providing the TAPI application component with a list of available terminals and for implementing terminals.

Claim 35 (currently amended):   A TAPI communications system, comprising:

a processor;

a storage device coupled to the processor;

a pluggable terminal type created under the direction of an application; and

at least one pluggable terminal of the pluggable terminal type operative on the processor to process media using a virtual or non-virtual media processing device during a communications session.

Claim 36 (previously presented):   The system of claim 35 further comprising a TAPI application component to select the pluggable terminal for a communications session.

Claim 37 (currently amended):   A TAPI communications system, comprising:

a processor;

a storage device coupled to the processor; and

a TAPI application component operative on the processor to select a pluggable terminal for a communications session and to conduct the communications session, where the pluggable terminal is of a type created under the direction of an application and is associated with a virtual or non-virtual device.

Claim 38 (original):   The system of claim 37 further comprising the pluggable terminal for processing media during the communications session.

39 (currently amended):   A computer-readable medium having a pluggable terminal type data structure for use with a pluggable terminal of a type created under the direction of an application, the data structure comprising:

a virtual or non-virtual media processing device control method; and

a wrapper around the media processing device control method.

Claim 40 (original):   The data structure of claim 39 wherein the wrapper comprises:

   a first interface for plugging in the pluggable terminal;

   a second interface including at least one media processing method for a TAPI application
   component; and

   at least one method for controlling a media processing device.

Claim 41 (original):   The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of audio, video, text, and graphics.

Claim 42 (original):   The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of modem transmissions, facsimile transmissions, and telephony transmissions.

Claim 43 (original):   The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of videoconferencing transmissions, co-browsing transmissions, application sharing transmissions, document sharing transmissions, and collaborative computing transmissions.

Claim 44 (original):   The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of chat transmissions, visual chat transmissions, Internet Protocol (IP) Telephony transmissions, and instant messaging transmissions.

Claim 45 (original): The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of Public Switched Telephone Network (PSTN) calls, tone transmissions, speech transmissions, IP interactive voice response system transmissions, IP unified message system transmissions, and caller identification transmissions.

Claim 46 (original): The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of music, movies, still pictures, and photographs.

Claim 47 (original): The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of radio transmissions, television transmissions, and cable transmissions.

Claim 48 (original): The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of portable device transmissions, wearable computer transmissions, tablet transmissions, handheld device transmissions, and pocket-sized personal computer transmissions.

Claim 49 (original): The data structure of claim 40 wherein the at least one method for controlling a media processing device comprises at least one method for controlling a media processing device supporting media selected from the group consisting of digital phone calls and cellular phone calls.

Claim 50 (currently amended):   A computer-readable medium having a terminal base class data structure comprising:

   a first interface for plugging in a pluggable terminal <u>of a type created under the direction of an application and</u> associated with a virtual or non-virtual device; and

   a second interface for a TAPI application component.